

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re Patent Application of

Sanderson et al.

Application No. 09/436,440

Filed: November 9, 1999

Title: SYNTHESIS OF ENERGETIC THERMOPLASTIC ELASTOMERS  
CONTAINING OLIGOMERIC URETHANE LINKAGES



Group Art Unit: 3641

Examiner: Miller, E.

*8/Election*  
*11/6/00*  
*[Signature]*

\* \* \*

November 2, 2000

RESPONSE TO RESTRICTION REQUIREMENT

Hon. Commissioner of Patents  
And Trademarks  
Washington, D.C. 20231

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Dear Sir:

In response to the restriction requirement set forth in the Office Action of October 25, 2000, Applicants hereby elect Group I, containing claims 1-11 drawn to a polymer, with traverse.

The Examiner has required the election of a single disclosed species for examination purposes, including an election of all starting moieties, and final content and properties.

Applicants elect as the species to be examined a thermoplastic elastomer having hydroxy-terminated BAMO prepolymer as the A-blocks and hydroxy-terminated AMMO prepolymer as the B-blocks. The linking compound of this species is derived from toluene diisocyanate (TDI) as the "diisocyanate for end-capping" and a difunctional oligomer formed by reacting butane diol with TDI. The

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final properties of the thermoplastic elastomer include a weight average molecular weight of at least 80,000 and a number average molecular weight of at least 15,000.

The elected species reads on each of claims 1-11.

If there are any other moieties, properties, or final content information that the Examiner requires for examination of this single disclosed species, please advise by calling the undersigned.

Respectfully submitted,

PILLSBURY MADISON & SUTRO, L.L.P.

By: \_\_\_\_\_



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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT  
APPLICATION

Inventor(s): SANDERSON et al.  
 Appln. No.: 09 436,440  
 Series Code ↑ Serial No. ↑

Filed: November 9, 1999

Hon. Commissioner of Patents  
 Washington, D.C. 20231

Sir:

## REPLY/AMENDMENT/LETTER

Group Art Unit 3641  
 Examiner: E. Miller  
 Atty. Dkt. PM 244890 | 98-32-SE  
 M# Client Ref

Appln. Title: SYNTHESIS OF ENERGETIC  
 THERMOPLASTIC ELASTOMERS  
 CONTAINING OLIGOMERIC  
 URETHANE LINKAGES

Date: November 2, 2000

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

## FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim A. <input checked="" type="checkbox"/> NOT made B. <input type="checkbox"/> Withdrawn C. <input type="checkbox"/> made herewith D. <input type="checkbox"/> made previously For B & C See <b>Required Separate Paper</b> (Pat-256)		Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code
2. Total Effective Claims		30	**minus 30	0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims		3	***minus 3	0	x \$80/\$40 =	+ \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)..... add					+ \$260/\$130 =	+ \$0	104/204
5. Original due Date: November 25, 2000		<input type="checkbox"/> NONE					
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached		(1 mo) (2 mos) (3 mos) (Usable only for ≤ 2mo.OA --- 4 mos) (Usable only for 30 day/1mo.OA --- 5 mos)	\$110/\$55 = \$390/\$195 = \$890/\$445 = \$1390/\$695= \$1890/\$945=	+ \$0			115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract					- \$0		
8. Extension Fee Attached					+ \$0		
9. If Terminal Disclaimer attached, add Rule 20(d) official fee .....					+ \$110/\$55 =	+ \$0	148/248
10. If IDS attached requires Official Fee, ..... add					+ \$240 =	+ \$0	126
or if Rule 97(d) Petition ..... add					+ \$130 =		122
11. After-Final Request Fee per rules 129(a) and 17(r) .....					+ \$355/710 =	+ \$0	146/246
12. No. of additional inventions for examination per Rule 129(b).....					x \$710/355 ea =	+ \$0	149/249
13. Request for Continued Examination (RCE) .....					+ \$710/355=	+ \$0	1179/1279
14. Petition fee for .....					+ \$0		
15. TOTAL FEE ENCLOSED =					\$0		

16. \*If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975)

(Our Order No. 8496 | 244890

C#

M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Madison &amp; Sutro LLP

Intellectual Property Group

By Atty: David S. Taylor

Sig:



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NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments